

AMENDMENTS TO THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

16. (Currently amended) A method for the regeneration of denox catalyst with reduced activity based on the accumulation of ~~phosphorous and phosphorous compounds~~ phosphorus and other metal or metalloid compounds, comprising the steps of

(i) treating the catalyst in the presence of a substantially aqueous solution of at least one water-soluble, alkalinely reacting ~~alkaline earth salts, ammonium hydroxide or alkalinely reacting ammonium salts or water soluble organic amines~~ salt selected from the group consisting of carbonates, tartrates, oxalates and acetates with an ultrasonic treatment or low-frequency oscillations; and

(ii) neutralizing the treated catalyst by a subsequent treatment with ~~inorganic or organic acids to regenerate the denox catalyst~~ at least one organic acid selected from the group consisting of oxalic acid, citric acid, malonic acid and tartaric acid.

17-19. (Canceled)

20. (Previously presented) The method according to Claim 16, which comprises the further step of adding anionic, cationic, amphoteric, non-ionic or zwitterionic surfactants to the alkaline treatment solution of step (i) and to the acidic treatment solution of step (ii).

21. (Previously presented) The method according to Claim 20, wherein the surfactants are used in amounts between .01 to 0.1 weight percent.

22. (Previously presented) The method according to Claim 16, wherein step (i) takes place at temperatures ranging between room temperature to 100°C.

23. (Canceled)

24. (Previously presented) The method according to Claim 16, wherein the catalyst is moved during treating by lifting and/or the aqueous solution is maintained in movement by agitation or recirculation.

25. (Previously presented) The method according to Claim 16, wherein the low-frequency oscillations are used with 20 to 1000 Hz and ultrasound is used with 10,000 to 100,000 Hz.

26. (Previously presented) The method according to Claim 25, wherein the ultrasound is used with from approximately 20,000 to 50,000 Hz.

27. (Canceled)

28. (Previously presented) The method according to Claim 16, which comprises the further step or steps of subjecting the catalyst to a mechanical pretreatment to remove fine dust, and/or subjecting the catalyst to a pretreatment with water.

29. (Previously presented) The method according to Claim 16, which comprises the further step after step (ii) of washing the catalyst with water and drying the catalyst.

30. (Currently amended) The method according to Claim 29, which comprises the further step after washing the catalyst with water and drying the catalyst, of re-impregnating the ~~activator elements with water-soluble compounds~~ catalyst with transitional metals.